



KHA KIM THUY


Seeking a work student opportunity with a focus on Machine Learning and Deep Learning




Information

 07/12/2003

 Female

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 <https://github.com/KhaKimThuy>

SKILLS AND BACKGROUND KNOWLEDGE

GPA

3.28

Programming

Python, Java, C, C#.

S / w & tools

Github, Gitlab, Latex, Linux.

Language

English B1 Preliminary (PET)

Framework

Pytorch (strength) , Keras, Tensorflow, Sklearn, Django, Flask.

Interests

Music, Art, Architecture.

CAREER GOAL

Seeking a work student opportunity with a focus on Machine Learning and Deep Learning.

EDUCATION

University: Ton Duc Thang.

2021 - 2024 (expected)

Major: Computer Science.

Subjects: Algebra, Data Structures and Algorithms, Object-Oriented Program, Database, Probability and Statistic, Discrete Structure, Web, Android, Design and Analysis Of Algorithms, Artificial Intelligent, Image Processing, Computer Vision, Machine Learning, Deep Learning, Big Data.

EXPERIENCE

Researcher and developer

2023 - 2024

Ton Duc Thang University

- Estimate level of traffic congestion. (Optical flow + RNN).
- Detect, track players and ball in basketball matchs (detecting + tracking object task).
- SOS-ACO algorithm.
- Optical mark recognition, virtual mouse.
- Hubmap Organ Segmentation (segmentation task).
- Autoencoder, GAN, Pix2Pix, Seq2Seg, Transformer,..
- 3D Sign Language Production based Diffusion Model.

ACTIVITIES

Researcher and developer

2022 - 2024

Ton Duc Thang University

- Participate in the IT Talented Contest 2022.
- Participate in the Scientific Research Contest 2022.
- Participate in the Startup Contest 2022.
- Participate in the Scientific Research Contest 2023.
- Participate in the 26th EURÉKA semi-final.
- Participate in the Design And Create Products and Technology For The handicapped.
- Participate in the Scientific Research Contest 2024 (on-going).

ACHIEVMENTS

2020-2021 3rd place award in Mathematics (HCM Olympic).

2022-2023 3rd place award in Scientific Research.

2022-2023 2nd award place in Startup Contest.

2023-2024 2nd place award in Scientific Research.